

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY
REQUEST FOR INFORMATION

IN THE MATTER OF COMBE FILL SOUTH/NORTH LANDFILLS

1. Provide the following information:

a. Your company/entity;

Legal name BASF CORPORATION

Address Pleasantview and Pershing Ave.'s
P O Box 232

Washington, N.J. 07882

Telephone number 908 689-2500

State of incorporation Delaware

Agent for service _____

Years of operation 30 years at facility of request for info

All trade names used by your company _____

b. Parent corporation(s) of your company/entity between 1948 and the present date;

Legal name Wyandotte Chemicals 1948 - 1969

Address BASF Wyandotte 1970 - 1985

BASF Corporation 1986 - Present

These are corporate name changes; the operation has been the same

Telephone number 908-689-2500

State of incorporation Current registration in Delaware

Agent for service _____

c. Subsidiary corporation(s) of your company/entity between 1948 and the present date; and

Legal name Not Applicable

Address _____

Telephone number _____

d. Predecessor corporation(s) and their parent(s) and subsidiary(ies) between 1948 and the present date.

Legal name See 1.b above

Address _____

Telephone number _____



2. If your company/entity is a partnership identify all partners comprising the partnership and the nature of their partnership interests.

Not applicable

3. List all locations of your company/entity in the State of New Jersey by the name, street address and/or post office box number, municipality and county from 1948 to 1981.

Legal name See 1.b Same operations for all three corporate names
Address _____

Municipality Washington Borough

County Warren

Estimated number of employees at each location Varied
from 20 - 70 over the 1961 to present time span.

Telephone number 908 689-2500

4. Describe the nature of the business conducted at each location listed in response to question 3 above.

This single location has manufactured surfactants for shipment to various customers for their formulation in a variety of cleaning compounds used both industrially and in consumer product applications; including mouthwashes, toothpastes, both laundry and machine dish washing formulations

5. Describe the material transported/disposed from your facility by J. Filiberto Sanitation, Inc., by checking "YES" next to the material(s) described below:

YES

- | | | |
|--|-------|----------|
| (1) any hazardous waste | _____ | _____ |
| (2) any hazardous substance | _____ | _____ |
| (3) any industrial waste material of any type <u>ID 27 Class.</u> | _____ | <u>x</u> |
| (4) any industrial by-products | _____ | _____ |
| (5) any asbestos or asbestos-contaminated material | _____ | _____ |
| (6) any sewage treatment plant waste | _____ | _____ |
| (7) any fly ash or combustion waste products | _____ | _____ |
| (8) any petroleum or petroleum products | _____ | _____ |
| (9) any chemical waste of any type | _____ | _____ |
| (10) any liquid waste | _____ | _____ |
| (11) any sludge of any type | _____ | _____ |
| (12) any highly corrosive material of any type | _____ | _____ |
| (13) any volatile or flammable material | _____ | _____ |
| (14) any material in tank trucks | _____ | _____ |
| (15) any material in metal drums | _____ | _____ |
| (16) any refinery company waste | _____ | _____ |
| (17) any chemical company waste | _____ | _____ |

- (18) any pharmaceutical company waste _____
- (19) any photo-developer waste or by products _____
- (20) any PCBs or PCB-contaminated material _____
- (21) any paint waste (including paint thinners
such as turpentine) _____
- (22) any organic solvents _____
- (23) any monomer waste _____
- (24) any pesticides, fungicides, herbicides or
their intermediates _____
- (25) any halogenated aromatics or aliphatics _____
- (26) any ink waste _____
- (27) any resin or raw product for making resin _____
- (28) any material in fiber drums or containers _____
- (29) any marine dredge material _____
- (30) any wash waters or coolant waters _____
- (31) any domestic/institutional/office garbage Trash _____ X
- (32) OTHER (DESCRIBE IN THE SPACE IMMEDIATELY BELOW) _____

b. If any of the above are answered "YES" identify:

- (1) the facility which was the source of each such shipment;

The Washington, NJ plant of BASF Corporation previously described above.

- (2) the year(s) during which such shipments occurred;

The ID 27 classification was shipped over 1961 - 1977.

The trash was shipped over 1961 - 1981.

- (3) the nature (including, e.g., chemical composition and toxicity) and amount of such materials;

The ID 27 was a solid filter cake generated in filtering the surfactants produced for shipment. It's composition was 30% of a filtering medium of magnesium silicate (Tradenames Britesorb and Magnesol), with 50% retained surfactants, and 20% of water and KOH, adsorbed by the filtering medium.

- (4) the hauler or transporter of such material if the hauler was not J. Filiberto Sanitation, Inc., by name, address and telephone number; and

Hauler was J. Filiberto over the 1961 - 1981 time frame.

(See attached continuation)

- (5) the landfill (if known) to which these materials were transported.

Combe landfill as verbally informed by J. Filiberto

Provide copies of any documents or records pertinent to or relied upon in answering any part of Number 5 (see instruction sheet for the meaning of "document(s)").

* (See attached answer to this request for documentation.)

6. Identify any and all hazardous substances used at any of your facilities during the period 1948 to 1981 including:

- (a) the source of the material(s); Raw materials to the manufacture of surfactants are Propylene Oxide, Ethylene Oxide, and both caustics (KOH) and acids (Phosphoric and Acetic). Finished products, however, are completely non-hazardous, and as described are used in numerous consumer products involving direct and indirect food contact.
- (b) the quantity of the material(s) used each year; Propylene Oxide and Ethylene Oxide usage varied from 15-50M lbs per year over the 1961-1981 time span. Caustics and Acids were minor raw materials at 10K - 100K per year usage.
- (c) the nature of the material including chemical characteristics and physical state; Propylene and Ethylene Oxides are reactive materials that are flammable liquids, as their primary hazard. Their reactivity negates significant residual free PO/EO in the finished products and is less than detectable levels in most products. Caustics and acids are both corrosives as primary hazard.
- (d) the type of container in which each material was received by you (i.e. drum, box, tank); and The PO/EO was received in liquid bulk tank cars for unloading and use. The caustics and acids were received in drum quantities for use as catalyst and neutralization agents.
- (e) attach all material safety sheets for each hazardous substance. See attachments for the hazardous raw materials listed below. Again, finished products are not hazardous, and used in regulated (site is registered with the Food and Drug Administration) applications as previously listed above.

Provide copies of any documents or records pertinent to or relied upon in answering any part of 5 above.

7. During the period 1948 to 1981, did your company/entity ever treat or store hazardous wastes at any facility? If so state:

- (a) the nature and quantity of the materials; The site has never treated or stored hazardous wastes.
-
-
-

Continued from b. (3) - page 3

The KOH retained gave some low level toxicity based on animal feeding tests. Specifically, animal feeding tests gave LD-50's on oral toxicity testing of 5.6 - 10.0 grams/Kg of body weight. The open cup flash point was determined to be greater than 350°F. Skin irritation tests showed only slight erythema, mainly on the abraded skin of some of the test animals. The reaction was not severe enough to term the material as a primary skin irritant. See volume estimate in 8.c.

The trash was a combination of empty bags, cardboard, wood debris, boxes that supplies were received in, and general plant trash. No chemicals were included in this material. See volume estimates in 8.c.

Continued from 5 - page 4

BASF's record retention policy does not retain records for over seven (7) years so nothing for 1981 and prior is available. The information provided is accurate to the best of our recollection but is not based on documents which can be provided.

(b) the method of treatment or storage; and _____
Not applicable to this site

(c) the dates and location of the treatment or storage.
Not applicable to this site

8. For each TRANSPORTER named in response to Question 5(b)(4) supply the following information in the space provided below:

- a. the year(s) the services of the transporter(s) were used; J. Filiberto was used over 1961 - 1981
- b. the identity of your facility(ies) which the transporter serviced; and the site is as identified in 1.b and location Pleasantview & Pershing Ave.'s - Washington, N.J.
- c. the material type and quantity given to each transporter. See below

The material quantity should be indicated in POUNDS or GALLONS and the MATERIAL TYPE is to be indicated by USING THE APPROPRIATE NUMBER from 5 above.

USE ADDITIONAL SHEETS IF NECESSARY

YEAR	FACILITY NAME	TRANSPORTER NAME	MATERIAL TYPE	(ESTIMATED) QUANTITY
1961-1969	Wyandotte Chemicals	J.Filiberto	3 (also as ID 27)	100K-250K lbs/yr
1970-1977	BASF Wyandotte	J.Filiberto	Same as above	250K-500K lbs/yr
1961-1969	Wyandotte Chemicals	J.Filiberto	31 (Trash)	25K-.75K lbs/yr
1970-1981	BASF Wyandotte	J.Filiberto	31 (Trash)	50K-100K lbs/yr

9. Did any of your facilities, located within the geographic area described in 8 above, ever generate septage from the treatment of waste in an individual subsurface sewage disposal system? If so, set forth below the time frame during which the individual subsurface sewage disposal system was in service, any transporter used to remove the septage and the quantity removed. No septic - discharge to Washington Borough POTW

USE ADDITIONAL SHEETS IF NECESSARY

YEAR	TRANSPORTER NAME	QUANTITY
<u>NOT APPLICABLE FOR THIS SITE</u>		
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

10. Were petroleum products or petroleum used at any of your facilities? If so, specify the uses of each material and describe any waste streams which may have contained any portion of these materials. Indicate the disposal practice used for each waste stream. Include the nature of each waste stream, the chemical composition if known, amounts and dates generated, transporter utilized, and disposal location.

YES X

NO

Basically usage was only in fuel oil for boilers and fuels for forklifts and single gas vehicle over the 1961-1981 time. With bulk storage tankage no waste stream was generated.

11. Did any of your facilities generate spent or waste oils? If so, describe how this material was generated and the associated waste disposal practices utilized. Include the nature of each waste oil stream, the chemical composition, amounts and dates generated, transporter utilized, and the disposal location.

YES X

NO

Only minor amounts of oil were generated from changing gear boxes on agitators, etc. on an approximate annual basis. Over the 1961 to 1981 time span a variety of disposal methods were used for this occasional used oil generated: including in early years use on dusty surfaces on site to hold dust down, and later disposal through local gas stations.

12. How were minor oil spills or other hazardous substance spills handled? How were the resultant contaminated absorbent and or containment materials disposed?

Any spills of these materials were minor in frequency and quantity. Most hazardous substances were within concrete padded Process areas, with trenches to the wastewater pre-treatment facility on site, and then to the POTW.

13. Were degreasers or other types of solvents used to clean equipment? If so, describe how this material was generated and the associated waste disposal practices utilized. In-

clude the nature of each waste stream, the chemical composition, amounts and dates generated, transporter utilized, and the disposal location.

YES X

NO

Again, only minor amounts of solvents were used in the lab; acetone, methanol, and isopropyl alcohol, wastewater generated and going direct to the POTW was from rinsing lab glassware. Degreasers have not been used except in minor maintenance shop cleaning of less than 5 gallons per year. No known chlorinated hydrocarbons were used for this service.

14. Provide the name, address and telephone number of the person(s) answering this Request for Information. State whether such person(s) has personal knowledge of the answer. In addition, identify each person who assisted in anyway in responding to this Request for Information and specify the question to which each person assisted in responding.

Ray Busch - PO Box 232, Pleasantview and Pershing Aves., Washington, NJ 07882
The majority of the answers are based on the personal knowledge of being the site Assistant Manager from 1968 through 1971 and the Plant Manager from 1971 through present. Prior to 1968 was from word of mouth of

15. recollection of records read prior to disposal through records retention policy.
For the years 1948 through 1981, provide the following information with respect to insurance policies, umbrella or excess liability policies covering your facilities and operations and, if applicable, motor vehicle policies covering the motor vehicles used to transport material(s) to the Site:

- a. name of insurer;
- b. policy number and type;
- c. coverage period(s);
- d. coverage limits; and
- e. identification of insured entity.

Hartford 80C203115 & 80C217933 in 1950's - Aetna C&S 65AL0198955C (Y)
in 1960's. Aetna C&S 65AL117079SCA (Y) and Travelers Ins TRNSL96456172
in 1970's. Hartford primary comprehensive and General Liability in 1980's.
Further details of this coverage will be collected for later submittal
in a form providing more space than this one.

Information being collected by corporate staff for seperate submittal.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY
IN THE MATTER OF COMBE FILL SOUTH/NORTH LANDFILLS

CERTIFICATION OF ANSWERS TO THE REQUEST FOR INFORMATION

I hereby affirm and certify under penalty of perjury that the following facts are true to the best of my knowledge and belief:

- a. That I personally examined and am familiar with all the information provided herein in response to the New Jersey Department of Environmental Protection's Request for Information;
- b. That all the answers contained herein are true, complete, and accurate to the best of my information and belief;
- c. That all documents contained herein are complete and authentic unless otherwise indicated; and
- d. That in the preparation of the responses contained herein I have contacted and discussed the issues contained in the New Jersey Department of Environmental Protection's Request for Information with all present and former employees and agents of the company whom I have reason to believe may have been familiar with any information concerning the shipment of any materials to the Site and with any of the issues and questions contained in this Request for Information.

I am aware that substantial fines and penalties exist for submitting false, misleading, or inaccurate information in response to this Request for Information.

I am also aware that I am/my company is under a continuing obligation to submit to the New Jersey Department of Environmental Protection any additional information which comes to its attention which would either supplement or modify any of its response(s) to this Request for Information.

David J. Buchner

Name of Corporate Official
(type or print clearly)

Signature

Vice President

Title

12/18/91

Date

100 Cherry Hill Road
Address Parsippany, NJ 07054

201-316-4400
Telephone Number